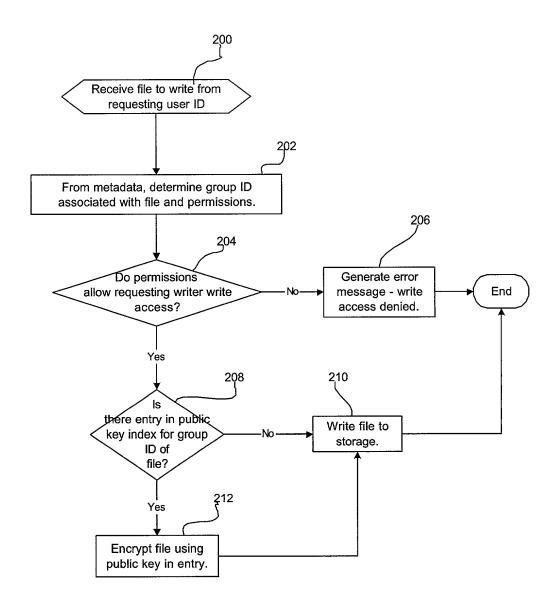


FIG. 9



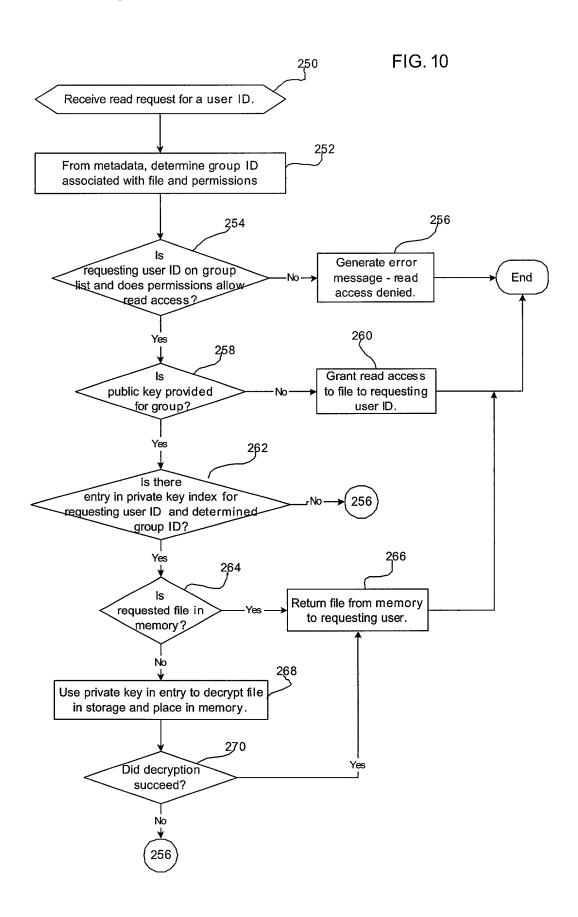


FIG. 12 FIG. 11 320 300 Initiate paging operating to page data into swap file. Paging system loaded into kernel. 322 302 Encrypt page of data to transfer to Paging system generates public/ swap file using public key. private key pair and stores public and private keys in kernel. 324 Move encrypted page to swap file.

Initiate paging operating to page data from swap file into memory in response to request for data at virtual address.

Decrypt page in swap file using public key.

Copy decrypted page into memory.

FIG. 13